

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	90181	(move or moving or transfer\$4 or manipulat\$3 or pickup or (pick adj up)) near5 (web or fabric or textile or cloth)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:12
L2	6608	i1 SAME (suction\$3 or vacuum\$3)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:15
L3	105430	(move or moving or transfer\$4 or manipulat\$3 or pickup or (pick adj up)) near5 (web or fabric or textile or cloth or porous or permeab\$5)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:23
L4	7553	i3 SAME (suction\$3 or vacuum\$3)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:23
L5	98744	(suction\$3 or vacuum\$3) WITH (nonporous or nonperforat\$3 or solid or (non adj porous) or (non adj perforat\$3) or impermeab\$5)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:26
L6	786	i4 and i5	US-PGPUB; USPAT	OR	ON	2011/03/22 12:26
L7	236446	(mask or plate or support) SAME (suction\$3 or vacuum \$3)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:26
L8	149572	(mask or plate or support) near4 (nonporous or nonperforat\$3 or solid or (non adj porous) or (non adj perforat\$3))	US-PGPUB; USPAT	OR	ON	2011/03/22 12:26
L9	20611	L1 and (suction\$3 or vacuum\$3)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:26
L10	325	L1 and L7 and L8 and L9	US-PGPUB; USPAT	OR	ON	2011/03/22 12:26
L11	14	L10 and "28"/\$.cdls.	US-PGPUB; USPAT	OR	ON	2011/03/22 12:28
L12	3	L10 and "414"/\$.cdls.	US-PGPUB; USPAT	OR	ON	2011/03/22 12:28
L13	9	L10 and "271"/\$.cdls.	US-PGPUB; USPAT	OR	ON	2011/03/22 12:28
L14	300	i10 not (i11 or i12 or i13)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:29

L15	785	I6 not (I11 or I12 or I13)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:32
L16	21	I15 and ("28"/\$ ccls. or "112"/\$ ccls. or "414"/\$ ccls. or "271"/\$ ccls.)	US-PGPUB; USPAT	OR	ON	2011/03/22 12:33
L19	8	I15 and "294"/\$ ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 13:59
L20	3	I19 not I16	US-PGPUB; USPAT	OR	ON	2011/03/22 13:59
L21	327	414/627.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 14:02
L22	306	I21 not (I16 or I20 or 414/797.ccls. or I11 or I12 or I13)	US-PGPUB; USPAT	OR	ON	2011/03/22 14:03
L25	1138363	suction\$3 or vacuum\$3	US-PGPUB; USPAT	OR	ON	2011/03/22 17:10
L28	272092	suction\$3 or vacuum\$3	USOOR	OR	ON	2011/03/22 17:11
L29	8	I28 and 28/170.ccls.	USOOR	OR	ON	2011/03/22 17:11
L30	15	I25 and 28/170.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 17:13
L31	0	("2008/0256769"),URPN,	USPAT	OR	ON	2011/03/22 17:13
L36	159	28/165.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/22 17:24
S12	90110	(move or moving or transfer\$4 or manipulate\$3 or pickup or (pick adj up)) near5 (web or fabric or textile or cloth)	US-PGPUB; USPAT	OR	ON	2011/03/17 19:56
S14	236306	(mask or plate or support) SAME (suction\$3 or vacuum \$3)	US-PGPUB; USPAT	OR	ON	2011/03/17 19:57
S15	149473	(mask or plate or support) near4 (nonporous or nonperforat\$3 or solid or (non adj porous) or (non adj perforat\$3))	US-PGPUB; USPAT	OR	ON	2011/03/17 19:57
S17	20601	S12 and (suction\$3 or vacuum\$3)	US-PGPUB; USPAT	OR	ON	2011/03/17 19:59
S18	325	S12 and S14 and S15 and S17	US-PGPUB; USPAT	OR	ON	2011/03/17 20:01
S19	14	S18 and "28"/\$ ccls.	US-PGPUB; USPAT	OR	ON	2011/03/17 20:02
S20	0	("2007/0033778"), URPN,	USPAT	OR	ON	2011/03/17 20:02
S21	2	(yannick near3 rey).in.	US-PGPUB; USPAT	OR	ON	2011/03/17 20:03

S22	3	S18 and "414"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/17 20:06
S23	1	("4466163").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/17 20:09
S24	9	S18 and "271"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/17 20:14
S25	90110	(move or moving or transfer\$4 or manipulat\$3 or pickup or (pick adj up)) near5 (web or fabric or textile or cloth)	US-PGPUB; USPAT	OR	ON	2011/03/18 10:17
S26	236306	(mask or plate or support) SAME (suction\$3 or vacuum \$3)	US-PGPUB; USPAT	OR	ON	2011/03/18 10:17
S27	149473	(mask or plate or support) near4 (nonporous or nonperforat\$3 or solid or (non adj porous) or (non adj perforat\$3))	US-PGPUB; USPAT	OR	ON	2011/03/18 10:17
S28	20601	S25 and (suction\$3 or vacuum\$3)	US-PGPUB; USPAT	OR	ON	2011/03/18 10:17
S29	325	S25 and S26 and S27 and S28	US-PGPUB; USPAT	OR	ON	2011/03/18 10:17
S30	9	S29 and "271"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/18 10:17
S31	3	S29 and "414"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/18 10:18
S32	14	S29 and "28"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/18 10:18
S33	551	271/11.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/18 11:31
S34	12	S33 and (cloth or textile or fabric)	US-PGPUB; USPAT	OR	ON	2011/03/18 12:17
S35	1	271/11.ccls. and (cloth or textile or fabric)	USOOR	OR	ON	2011/03/18 12:22
S36	539	S33 not (S30 or S34)	US-PGPUB; USPAT	OR	ON	2011/03/18 12:24
S37	6	("3740029"   "4547115"   "4804173"   "5507616").PN. OR ("5848785").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2011/03/19 12:21
S38	90110	(move or moving or transfer\$4 or manipulat\$3 or pickup or (pick adj up)) near5 (web or fabric or textile or cloth)	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S39	236306	(mask or plate or support) SAME (suction\$3 or vacuum \$3)	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33

S40	149473	(mask or plate or support) near4 (nonporous or nonperforat\$3 or solid or (non adj porous) or (non adj perforat\$3))	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S41	20601	S38 and (suction\$3 or vacuum\$3)	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S42	325	S38 and S39 and S40 and S41	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S43	9	S42 and "271"/\$ ccls.	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S44	551	271/11.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S45	12	S44 and (cloth or textile or fabric)	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S46	539	S44 not (S43 or S45)	US-PGPUB; USPAT	OR	ON	2011/03/20 17:33
S49	189	112/470.14.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 14:54
S50	110	112/470.15.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 14:54
S51	232	112/470.18.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 14:55
S52	54	112/148.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 14:55
S53	547	S49 or S50 or S51 or S52	US-PGPUB; USPAT	OR	ON	2011/03/21 14:55
S54	1410284	suction\$3 or vacuum\$4	US-PGPUB; USPAT; USOOR	OR	ON	2011/03/21 14:56
S55	94	S53 and S54	US-PGPUB; USPAT	OR	ON	2011/03/21 14:56
S56	121	suction adj clamp	US-PGPUB; USPAT	OR	ON	2011/03/21 16:05
S57	18242	suction near4 (upper or top)	US-PGPUB; USPAT	OR	ON	2011/03/21 16:06
S58	13	S56 and S57	US-PGPUB; USPAT	OR	ON	2011/03/21 16:06
S59	108	S56 not S58	US-PGPUB; USPAT	OR	ON	2011/03/21 16:07
S60	76	112/Dig 2 ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 17:14
S62	69	S60 not S55	US-PGPUB; USPAT	OR	ON	2011/03/21 17:14
S63	15	S62 and S54	US-PGPUB; USPAT	OR	ON	2011/03/21 17:14

S64	148	112/470.14.ccls. or 112/470.15.ccls. or 112/470.18.ccls. or 112/148.ccls.	USOCR	OR	ON	2011/03/21 17:26
S65	272251	suction\$3 or vacuum\$4	USOCR	OR	ON	2011/03/21 17:26
S66	22	S64 and S65	USOCR	OR	ON	2011/03/21 17:26
S68	183	271/14.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 18:02
S69	167	S68 not 271/11.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 18:02
S70	280	271/104.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 18:11
S71	225	271/90.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 18:11
S72	224	S70 not (271/11.ccls. or S68)	US-PGPUB; USPAT	OR	ON	2011/03/21 18:12
S73	187	S71 not (S70 or 271/11. ccls. or S68)	US-PGPUB; USPAT	OR	ON	2011/03/21 18:27
S74	30	("1460314"   "1519243"   "1996385"   "2396988"   "2807029"   "3539216"   "3843183"   "3997210"   "4002254"   "4050729"). PN, OR ("4496180").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 18:38
S75	1	("1996385").URPN.	USPAT	OR	ON	2011/03/21 18:42
S76	359	414/797.ccls.	US-PGPUB; USPAT	OR	ON	2011/03/21 19:11
S77	307	S76 not (S71 or S70 or 271/11.ccls. or S68)	US-PGPUB; USPAT	OR	ON	2011/03/21 19:12
S79	7	("4960361").URPN.	USPAT	OR	ON	2011/03/21 19:25

**EAST Search History (Interference)**

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